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Ron R. Hightower, Laura T. Ring, Jonathan I. Helfman, Benjamin B. Bederson, James D. Hollan  
May 1998 [Proceedings of the ninth ACM conference on Hypertext and hypermedia : links, objects, time and space---structure in hypermedia systems: links, objects, time and space---](#)

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2 [PadPrints: graphical multiscale Web histories](#)

Ron R. Hightower, Laura T. Ring, Jonathan I. Helfman, Benjamin B. Bederson, James D. Hollan  
November 1998 [Proceedings of the 11th annual ACM symposium on User interface software and technology UIST '98](#)

**Publisher:** ACM Press

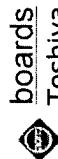
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**Keywords:** Pad + +, Web Browser, Web navigation, World Wide Web, hypertext, information visualization, multiscale interfaces, zooming user interface

3

[Interactive surfaces: Who cares?: reflecting who is reading what on distributed community bulletin](#)



boards

Toshiya Yamada, Jun Shingu, Elizabeth Churchill, Les Nelson, Jonathan Helfman, Paul Murphy  
October 2004 **Proceedings of the 17th annual ACM symposium on User interface software and technology UIST '04**

**Publisher:** ACM Press

Full text available: pdf(421.18 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In this paper, we describe the YeTi information sharing system that has been designed to foster community building through informal digital content sharing. The YeTi system is a general information parsing, hosting and distribution infrastructure, with interfaces designed for individual and public content reading. In this paper we describe the YeTi public display interface, with a particular focus on tools we have designed to provide lightweight awareness of others' interactions with posted c ...

**Keywords:** annotation, distant communities, information sharing, public commentary, situated display, video capturing



4 **Late breaking result papers: Goovey interfaces: an approach for rapidly repurposing digital content**

Les Nelson, Elizabeth F. Churchill, Laurent Denoue, Jonathan Helfman, Paul Murphy

April 2004 **CHI '04 extended abstracts on Human factors in computing systems CHI '04**

**Publisher:** ACM Press

Full text available: pdf(314.03 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

With the acceleration of technological development we are reaching the point where our systems and their user interfaces become to some degree outdated 'legacy systems' as soon as they are released. This raises the question of how can we maintain, extend, override, and adapt these systems while preserving what people depend on in them? In this paper we describe an approach for dynamically restructuring user interfaces into a set of communicating processes that 1) provide methods for changing the ...

**Keywords:** content repurposing, interactive public displays



5 **Interactive systems in public places: Sharing multimedia content with interactive public displays: a case study**

Elizabeth F. Churchill, Les Nelson, Laurent Denoue, Jonathan Helfman, Paul Murphy

August 2004 **Proceedings of the 5th conference on Designing interactive systems: processes, practices, methods, and techniques DIS '04**

**Publisher:** ACM

Full text available: pdf(478.03 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Plasma Posters are large screen, digital, interactive poster-boards situated in public spaces, designed to facilitate informal content sharing within teams, groups, organizations and communities. While interest i


interactive community poster boards has grown recently, few successful examples have been reported. In this paper we describe an ongoing installation of Plasma Posters within our organization, and report qualitative and quantitative data from 20 months of use showing the Posters have be ...

**Keywords:** adoption, community, evaluation, information encountering, interactive public displays, social capital

6  Late breaking result papers: Digital graffiti: public annotation of multimedia content

Scott Carter, Elizabeth Churchill, Laurent Denoue, Jonathan Helfman, Les Nelson  
April 2004 **CHI '04 extended abstracts on Human factors in computing systems CHI '04**

**Publisher:** ACM Press

Full text available:  pdf(318.91 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Our physical environment is increasingly filled with multimedia content on situated, community public displays. We are designing methods for people to post and acquire digital information to and from public digital displays, and to modify and annotate previously posted content to create publicly observable threads. We support in-the-moment and on-site "person-to-place-to-people-to-persons" content interaction, annotation, augmentation and publication. We draw design inspiration from field work o ...

**Keywords:** annotation, blogging, digital community poster boards, threaded discussion

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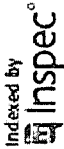
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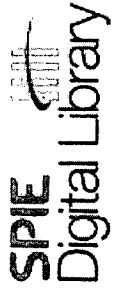
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1. Web page caricatures: multimedia summaries for WWW documents

Wynblatt, M.; Benson, D.;  
Multimedia Computing and Systems, 1998. Proceedings. IEEE International Conference on  
28 June-1 July 1998 Page(s):194 - 199  
Digital Object Identifier 10.1109/MMCS.1998.693639  
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